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Adaptive post-filtering for reducing noise in highly compressed image/video coding

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Cited documents:

US6188799 US8167164 GB2323994 XP002442322 XP004372660

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Abstract of EP1351508

A technique to reduce ringing artifacts in highly compressed block-based image/video coding is applied to each reconstructed frame output from the decoder. For each pixel block of a reconstructed frame, kow pass filtering is then adoptively applied according certain calculated differences between adjacent pixel values. For each pixel, a determination is made as to what type of horizontal filter, if any, is to be applied. Depending on the results of that determination, the pixel may remain unfiltered or may have a 2- or 5-tap horizontal filter applied to it. A similar process is undertaken to determine what type of vertical filter, if any. is to be applied, no filter, a 2-tap or a 3-tap vertical filter

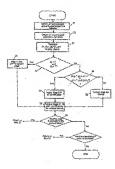


FIG. 2

Data supplied from the esp@cenet database - Worldwide